

**BETA-CAP73 CONTROL OF NORMAL AND ABNORMAL CELL MIGRATION**

**Abstract of the Disclosure**

5 The invention provides isolated nucleic acids molecules, designated  $\beta$ CAP73 nucleic acid molecules, which encode a novel actin binding protein. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing  $\beta$ CAP73 nucleic acid molecules, host cells into which the expression vectors have been introduced, 10 and nonhuman transgenic animals in which a  $\beta$ CAP73 gene has been introduced or disrupted. The invention still further provides isolated  $\beta$ CAP73 proteins, fusion proteins, mutant proteins, antigenic peptides and anti- $\beta$ CAP73 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided. 15